#  benind for world econohy, Page 10 <br> No. 29,407 <br> Tuesday August 281984 

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## Peugeot chiefs in boardroom battle to control group

by paul betts in paris






#### Abstract






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## More UK ports defy national strike call

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North Sea stakes may be sold

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MR JACQUES de Larosiere, ma-
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## Unitary tax move resisted in California

BY LOUISE KEHOE IN SAN FRANCISCO


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Continued on Page 12

Electrolux to press
for Zanussi accord

## BY KEVW DONE, MOM CORRESPONDENT, IN STOCKHOL

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## Boost for Bonn chemical industry




| Spanish talks on labour <br> pact resume <br> By David White in Madrid <br> SPAIN'S Socialist Government and the soce trying to restore union, are trying to restore ranging two-year kibonr pact the other partmers. <br> Discussions with the main umion and employer organisa. an interval of inore than three weeks. No concrete progress Was mate in the early rowads of talks. <br> The Government, represented st yegterciays talks by Sr Minister, is anxious to put an agreement together by the end lts draft 1985 budget to parlimment. <br> Sr Marceling Camacho, the Workers Comunission leader, agrement as "very dificult" |
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> Bankers worried by Manila-IMF debt pact delay

## Gandhi in drive to avoid clash over Rama Rao sacking

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## China plans to open Tibet route

BY K.K. SHARMA IN NEW DELH


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## Italy wins

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## Egypt signs four oil agreements GY TONY WALKER in CAIRO <br>  <br> SHIPPING REPORT <br> Concern over industrial disputes

## bY DAVLD LawSon



Malaysian PM warns Japan on 'colonialist' policy

## BY WONG SULONG N XXUNEA LUMPUR <br> C.EEAR evidence that Malaysir's Mind Japens serfusal to atow






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## How does Seisella expect to find North Sea oil and gas deposits that have been overlooked before?

Relentessly, this special ship plies the North Sea: Near the stern, water guns are triggered to produce wake trail's a two-mile-long streamer containing hundreds of sensitive hydrophones. These detect faint acoustic signals that bounce back from deep within the earth. The vessel is the m.v. Seisella, a survey ship operated Kent, England.SSL is a subsidiary of Raytheon's Seismograph Service Corporation.

Seisella's instrument room is
enerve center of this complex data gathering operation. Here millions of bits of data are digitally recorded in preparation for computer processing. such high resolution that three-dimensional maps can be made of the strata beneath the sea. As a result of this improved detail, Seisella can help find commercial deposits of oil and gas
that might have been overlooked. Fewer wells may have to be drilled to delineate a field. And the ime between discovery and production may be

Infact, savings for oil companies can be significant even when no oil is found. If driling even one ryme is avoided, the cost of th Seismograph service C Tion operates on land and sea and is a global leader in applying high tectmology to the continuing search for ever scarcer energy resources.
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[^1]UK NEWS
Industry draws up plans to cope with dock strike


North Sea commitment sought

| THE DEPARTMENT of Energy's North Sea watchdog the Offishor Supplies ofice (OSO, is to hali al oil companies in an unprecedent ed effort to expand UK involvement on research and developnenent for the offishore oil industry. <br> The move follows a letter sent to all companies that have indicated their intentions to apply in the farthcoming ninth round of UK oil and gas licences. <br> The letter, senth by Mr John d'Ancons, the director. general of the what they have done for UK $r$ re search and development in the past and what they propose to contri- | bute in the future. The letter seeks a reply by the end of September. Followed by a meeting. Energy Minister, had said in May that he would regard a commitment to UK research and development as an important part of the criteria by which he woild judge the applications of oil companies in the ninth round. However, it is apparently unprecedented tor one of ter licear- sing criteria to be tackled in advance of the formal close of applica- tions. The oll industry has until December 17 to submit its ninth round bids. <br> The oil industry is viewing the move by the OSO as a rather unwel | come response to the creatinn in May of British indigenous Technol (BRII), a group set up to fight for greater involvement nf UK com panies in the UK offshore oil and gas industry. <br> However, Mr Christopher Ryan the director of BRIT, denied that the organisation had been consult ed by the OSO over the development <br> The UK Offshore Operators Asso ciation said: "The letter will be discussed at our next council meeting." the part of some foreign oil companies that the move might herald of in the UK oil industry. |
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| British spending on ships fals 36\% |  |  |
| SPENDING ON new and second. hand vessels by the UK shipptrg industry fell by 36 per eent last year to $\begin{aligned} & 250 \mathrm{~m} \\ & \text { net of tisposals. The de }\end{aligned}$ crease was because fewer new ships were delivered <br> Publicsector spending on new ships also fell by 36 per cent to 57 m , while the private sector cutt the bill to | which accoumted for 14 per cent of The Department of Trade figures published in the magaxine British placed 1 in 1083 fell by almost 11 per cent to $280,600 \mathrm{~g}$ gross repistered tons grt in 34 ships in 1982 That reflects the continning depression in frelght markets and the high level of idle | corresponds with a worlc-wide em- phasis on that type and size of vessel. <br> The fall in North Sea chartering rates, because of an excess of ships, saw a reduction to only seven or ders for offshore supply vessels and tugs. The emphasis has switched to more powerfiul and sophisticated supply ships as drilling moves into deeper and more difficult water |
|  | Only 111 orders were placed in foreijen yards - one more than in 1982 Seven. were for bulk cartiers of 25,000.grt from South Korea, which |  |

Americans lead tourist invasion
By Usa Wood and
David Churchlill





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## Lamb dispute shows lack of EEC rules





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by tim dickson


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U.S. antitrust

How not to put a foot wrong
BY TIM DICKSON


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Semiconductors Japan opts for chips of the future













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## Tolk it over with DKB <br> The international bank that listens.



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Telephone: $01-2488000$ Telephone: 01-2488000 Tuesday August 281984
Sri Lanka's ethnic rift


## Frustrations of

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THE WORLD ECONOMY

##  <br> Perhaps the best is already behind us

Anatole Kaletsky takes a gloomy view of the possible outlook for economic growth and
argues for a revival of cyclical management policies

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## Letters to the Editor

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World trade in textiles



POLITICS TODAY

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## Terry Byland

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## Zanussi pact sought

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| efforts bad failed to achiev | to




 Petersen would not be drawn retril price will be abour shen the car goes on sale e

## Jaguar demand creates jobs



Belgium and UK seek air fares cut
THE LEX COLUMN The clock stops on deregulation




# SECTION II - COMPANIES AND MARKETS FINANCIALTIMES 

## HONG KONG BORROWNG <br> First local floater soon for Mass <br> Changes in U.S. bond rules stir uncertainty

 Transit Railway|  |  |
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| being arranged by Morgem mind raiway ling-the island kine, |  |
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| HK\$5bn. Gross borrowings for the |  |
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| HESIS.5bn; and are ulikefy to pealk |  |
| The corporations, wholly owned ing behind it, aríd the 'Givern |  |
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## Mexico talks provide cause for optimism

| SyF Bank bood zvorrge |  | Fridajis CS50m issue for property company Trizec looked a little age tressive. The borrower has a U.S |
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| int the U.S. Treasury. Its | 27 |  |
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| day, only increased the uncer- | 100.009 1024 98.056 |  |
| The regulations seem to say that | corporate until the Treasury clari- | ds |
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| the US. on a corporate bearer bond |  |  |
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| That | os aplenty, though Even U. . bor- | has shot up to 104 , while the Nito |
| stop investors | rowers can issue these floaters be- |  |
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| Dealers are ansions that the | and instiutuios who do |  |
| cent deall for Texaco, Mellon Benk | zeros, of course, do not have any in- | erthan-incicated coupons |
| and Beatrice are closed Otherwise |  | The continental markets are tak- |
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| The unkinder traders say that |  | , |
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THW is à widely diversified company on the leading edge of electronics and space technology. Our Pioneer 10 spacecraft (pictured) was the first man-made object to leave the solar system. And TRW electronic components have hundreds of down-to-eant applicaionṣ - from computer tape drives to television sets.


TRW began as an automotive parts. manufacturer over 80 years ago. Today, almost every car and tueck on the road comains TRW parts. TRW factories around the globe produce a wite range of automotive parts - from bearings and valves to complete rack and pinion steering systems.


TRW industrial and energy products have eamed a reputation for reliable performance. TRW equipment backed up by an extensive field sevvice and repair network, helps pump oil and gas around the world. TRW components keep the worlo"s arcraft flying; and TRW bearings, tools, end fasteners help raise propductivity levels wordwide.


## U．S．EONDS

## FOMC report dulls prospects of early easing moves

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## AMC to increase Renault business

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## Saudi builder calls in New

 York adviser By Mary Fring in Bahran



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## Italian publisher in TV disposal



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Loan policy slows growth in profits at Public Bank


French retailer in US．deal

> CASINO,

CIT－Alcatel raises stake in U．S．group
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## Merrill Lynch HQ to be centralised in New York <br> centralised in New York

| MKRRILL LYNCH，the world＇s leading securytues broker and a major force in financial ser－ vices，plans to move its cor－ Worate beadquarters under construction near the World Trede Centre in down－ town Manhattan | 3．9m sq ft of space．The first for ocypancying wid－1086 and scheduled for completion in 1987． <br> In separate transactions， Merilil is to sell：ive 1.8 mm sq ft headquarters in Liberty Plaza |
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| In March 1982 Amex，one of |  |
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DAI－ICHI KANGYO BANK NEDERLAND N．V．
Dfls 50，000，000
81⁄2\％bearer Notes 1984 due August 15， 1989
Amsterdam－Rotterdam Bank N．V．
Bank Mees \＆
Dai－lchi Kangyo Bank Nederiand N．V．
Algemene Bank Nederland N．V．
Swiss Bank Corporation International Pierson，Heldring \＆Pierson N．V．

THE REPUBLIC OF ITALY U．S．$\$ 500,000,000$
Floating Rate Notes due 1999.
The issue price of the Notes is 100 per cent．of their principal amount．
BankAmerica Capital Markets Group

| Banca Commerciale Italiana | Credit Suisse First Boston Limited |
| :---: | :---: |
| IBJIntemational Limited | Merrill Lynch Capital Markets |
| The Notes constituting the above issue have been acrinited so ine Official List by the Counciloi The Stock Exchange，subject only bo the tssue of the Notes Interest on the Noleswillbe payable semi．annually In arrears neach March and Seprember cormmencing in March 1985. <br> Particularscllte Notes are avzilablein the statisticizisersices ot ExtetStatistical Services Limited and rnay be obtained duting usual busness hours up to and Inciuding Seplember 11 th， 1984 trom lhe Brokers to the issue： |  |
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New development chief for ICFC


OLC
Orient Leasing Co., Ltd.
(Incoiporated with limieed Lliability under the Commerciai Code of Japan)
U.S. $\mathbf{\$ 3 0 , 0 0 0 , 0 0 0}$

13 per cent. Guaranteed Bonds 1989
ISSUE PRICE 100: PER CENT.
Uncondidionally andimerocably guranneed as top ayment of principol and interest by
The Taiyo Koobe Bank, Limited
The following haveagreedio subscribe or procure subscribers for the Bonck:
Daiwa Emope Limited
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Bauque Bruxelles Lambert S.A.
Banque Paribas
Chemical Bank International Limited Kleinvort, Benson Limited
Morgan Graranty Lut
Nomura Intemational Limited
S.G. Warburg \& Co. Lid.

The Bonds of $\$ 5,000$ each constituting the above issue have been admitted to the Official List by the Coumcil of
The Stock Exchange, sabject only to the issue of the Temporany Global Bond. Interest will be payafle annually in arrears on 44 September in each year, commencing 4th September 1985. Particulars of the Bonds and the Guarantor are avaiable in the statistical services of Extel Statistical Services
Limited and may be obtained durimg usual business hours up to and including 12th September, 1884 from the Limited and may be obtained turing usu
above or from thie biokers to the issue.

Viders da Costa (U.K.) Idd.


Aktiebolaget Svensk Exportkreint (SWedish Export Credit Corporation)
U.S. $\mathbf{\$ 2 5 0 , 0 0 0 , 0 0 0}$

Zero Coupon Bonds Due 1994
ISSUE PRICE 32.925 PER CENT.
The following have agreed to subscribe or procare subscribers for ihe Bonds:
Daiwa Europe Limited
Al-Mal Group
Banque Bruxelles Lambert S.A.
Merrill Lynach Capital Markets
The National Commercial Bank (Saudi Arabia)
Société Générale
Swiss Bank Corporation International Limited
The Bonds of $\$ 10,000$ each constituting the above issue have been admitted to the officiai list by the Council of
The Stock Exchange, subject to the issue of the Temporary Global Bond. Particulars of the Bonds are available in the statistical services of Extel Statistical Services Limited and may be
obtained daring usual business hours up to and including il September, 1984 from the above or from the obtained during usual

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NEW YORK STOCK EXCHANGE COMPOSITE CLOSING PRICES

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WORLD STOCK MARKETS


## It's easy to complain about advertisements.

Every week, millions of advertisements appear in the press, posters or in the cinema.<br>Most of them comply with the rules contained in the Britsh Code of Advertising Practice and are legai decent est and truthful<br>But if you find one that, in your opinion, is wrong in some We'd like you to help us keep advertising up to standard.

WORLD STOCK MARKETS

OVER-THE-COUNTER


WALL STREET

## Reassessing induces setback

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Treasury plans another active The Treasury pits regular auctions of of

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 enoneoct the diverisifed energy eroup Chesebmochinery, manutacturer, and eauty phoducts yroup. Stock Exchange, ounced plans to cut 111,000 jobs to ree dues costs and stay comperitive in the ${ }^{n g}$ business. Eectric fell $5 \%$ to $5577^{\prime}$ after lans to reduce its wortione by 1,7000 1985 and inventory levels bad now ra-
 Teledyne, he electronis sand avianics zents shbed shik to sil4\% while the



WORLD INDICES


M, Minuminem






 There's no better choice to the Gulf,

Stefan Wagstyl looks at James Neill＇s recovery
Having to move fast to repel boarders




Re－rating setback for CU after U．S．losses
 Exeter Building
disappoints at
interim stage




## 區沗區

## Group half－year report

SKF Group profit for the first six months of 1984 was 524 Sales were $12 \%$ higher than for the same 1985 period．


## Sales（MSkx）

Jan／June $1984 \mathrm{Jan} / \mathrm{June} 1983$
Operating income before 905

MSkr）
Income before exchange
Capital expenditure（MSkr）
Average number of
employees at work
43，215
42，293
The half－year was marked by continued growth in volume sales reduced in proportion to sales．
Rolling bearing income improved 134 million to 380 million
kronon，with sales $7 \%$ up on the previous first halfyear SKF Steel，
with a 58 million kronor profit，recovered from its 31 million
with a 58 million kronor profit，recovered from its 31 million
kronor deficit of 1983. Sector sales rose $25 \%$ ．Cutting tool turnover rose 16\％，profits advancing to 53 million（ Skr 23 m ）． spite of higher total sales． spite of hig rer Cos．
Earnings per Parent Company share went up to 9.95 kronor Aktiebolaget SKF S－415 50 Göteborg Sweden


## Hongkong Rubber＇s winding up details



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FIXED INTEREST STOcks



ay August 281984



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| INVESTOR <br> wants to purchase Plastics Moulding company with factory worilable and exiselng secured. <br> Writs Bax G10014, Flanancial Timea to Cannon Strear, London EC4P 4BY |


| U.K. Company has fund aviilable to purchase companies hrvalved in transporn, hire. Please reply to inivestor. All replies will be acknowledged. All replies will be acknowidged. <br>  |
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Financial Times Tuesday August 28 1994 chon whatan nexinc







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## CURRENCIES, MONEY and CAPITAL MARKETS

## FOREICN EXCHANGES

## A gemeral lack of direction


exchange cross rates

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EURO-CURRENCY INTEREST RATES (Markot closing rates)


MONEY MARKETS

## Change in sentiment














money rates


## LONDON MONEY RATES

Dlscount Houses Deposit and BIII Rates



Financial Times Tuesday August 28 -1984

FINANCHAL FUTURES


## EUROPEAN OPTIONS EXCHANGE





## IHYEST II 50,000 BETTER TOMORROWS!







## £ worid value of the pound



## FINANCIAL TIMES SURVEY



# The Jewels in our Crown. 

Tocall the Westland 30ajewel is no mereflight of fancy. It is quite simply the finest, most versatile helicopterinits class.

Ithas been highly successful in the UK. It'snow making inroads into the notoriously dirficult American market.

And today, even as youread this, it is the subject of intensive negotiations with the Indiangovernment as well as many other customers throughoit the world.

Its another jewel in the Westland crown. But only one of many. EHf101 The world's newest helicopter being developed by Agusta of Italy and Westland of Great Britainbacked by both governments with bothmilitary and civil versions in its firstge
IINX 3 An effective, heavily armed multi-mission helicopter for maritime and army roles-as an antisubmarine helicopter packing a heavy punch against surface ships, the battle proven Lynx can operate from small shipsin the roughest weather, day or night. In the army role as a dedicated tank fighter Lynx is one of the most heavily armed helicoptersin the Westeri world.
SFAKING Versatile, capable and effective, bought by nine countries, flownim many differentroles and equipped with the mostadvanced

anti-submarine weapon system. A20Our new A20 trainer aircraft, a joint venture with the Australian Aircraft Corporation, is the only turbo-prop trainer specifically designed tofulfil theneeds of the world's Air Forces, well into the 1990s and beyond.

AP1-88 In the civilfield, the Westland AP1-88 can canry up to 100 passengers in air conditioned comfort and is already winning export orders for Britain.

BH. 7 Since building the world's firsthovercraft, Westland have continued developing air cushion transport. The BH. 7 military hovercraft brings a new level of mobility and speed to the naval transportand fighting ability. And asa minesweeper, it is invulnerableand unbeatable.

LONG LIFE HELICOPTER
BLADESA major advanceíninternational helicopter technology, Westland designed helicopter blades
in composite materials arelong-lifed, need no maintenance, reduce operating costs and a re available now for the Sea-King and S61 range of helicopters.

WESTLANDTECHNOLOGIES
Normalair-Garrett, the heart of Westland Technologies is at the forefront of systems technology and has scored major successes in the USAwith the miniature digital data recorder on the F -18 fighter and OBOGS-selected for the B1B bomber to provide a continuous supply of oxygen for the crew without any storage onboard - no heavy bottles, no dangerous liquid oxygen. THE FUTURE We're working hardat Westland on products of the future-helicopters, hovercraft, advanced systems, all of which meet the world market for advanced transportationand systems. And we're constantly developing and improving our current range of products. It's the kind of constant hard work that has built Westland into the internationally known British company it istoday. And the kind of hard work that will bring in the glittering prizes of tomorrow.

## Westland plc

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## AEROSPACE 2

## Better times lie ahead as orders pick up

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## The world＇s

major aerospace manufacturers
are looking
ahead to a new
era as the

## recession passes．

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# ARIANE： YOUR PLACE IN SPACE 凹 <br> GTE <br> Spacenet 

nix－：With the european launch vehicle

Our speciality：a tailored launch service into geo－synchronous orbit Kectasw ETE


GIB
Spacenet

 since the turn of the century - are today engaged in wideranging design, production and research programmes covering new-generation aerospace products which will provide pacesetters in their.fields through the present decade and beyond.

Backed by the superb modern resources of their 460 -acre headquarters complex at Belfast - and with traditions of excellence which have been acknowledged by the world's leàding aerospace corporations - Shorts on-going work programmeincludes.

- Producing the world's first 30 -seat wide body regionat airliner - the Shorts 330, now adopted by 45 operators worldwide:- Producing the advanced, second-generation 36 seat 360 -best-selling aircraft in its class and aiready flying with 9 major regional carriers
- Manufacturing the versatile Shorts 330-UTT medium-lift, tactical transport for military users.
- Building the world's largest light aircraft - the Skyvan STOL transport now flying with over 40 operators.
- Manufacturing and developing the United Kingdom's most successful range of close-range guided missiles - including the combat-proven Blowpipe and Seacat and the advanced Javelín system
- Providing high-technology jet engine nacelle components for the Boeing 747 and 757 and the BAe 146.
- Manufacturing a range of major, precision components for the 747, the 757, the Fokker F28 and the new Fokker 100.
- Designing and producing some of the largest advanced carbon-fibre components ever to be used on passenger aircraft.

And - shortly to enter service - the unique, multi-role C-23A Sherpa freighter which is in production for the USAF against orders and options worth some $£ 460 \mathrm{~m}$.

## SHORTS

WiNNERS OF THIRTEEN QUEENS AWARDS TO INDUSTTRY

## Spearhead of advanced materials technology

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New technology on the tight deck






Computers aid design and production methods

| New Techniques <br> LYNTON MdLAN <br> COMPETMITVE pressures aod comhined to accelerate the inmanufacturing metbods by world aerospace companies. <br> The advances in aerospace design capacity are hased on computer systems and increas ingly small, rapid and rellable micro-electrooic circults. In manufacturing techniques the main advances bave beeo in the growing use of automated and often related 10 the use of new including carbon fibre. In high-precision manufac greater use of lasers, for drill- Ing and cutting Wbere Inbt weight, bigb strength and quired, as tn jet engine parts, Erowth of single crystal metal lie parts and the use of ${ }^{*}$ metallic saradwich " com ponents. <br> nolosy or comee desiga the tech (CAD) is at the forefront of computer - brised techniques to become a standard techaique in much of the industry. made possible through CAD is the need to design derelop and produce prototype aircrart, borre asionics ahead of full production. The British Aero sireraft is a recent example o an aircraft that did not go atage. first alreraft to fly was the one first designed and the same machine that is in quan- tity production for the Royil Air Fores. <br> The same is true of other ierospace projects, espectally in cuit designs can be tried and tested with computer -aided design on a screen before money is spent on producing |
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The Chase Partnership at work with Rolls-Royce of Derby, in front of the new RB211-535E4. Shown from left to right: Christopher Rocker, vice president, Country Corporate Manager, Chase UK; Paul Spencer, Group Treasurer, Rolls-Royice; Mïctae! Kruse, vice president,Aerospace Division Executive,Chose New York; David Wicks, Heod of Marketing, Rolls-Royce; Jotn Rose,Head of Sales Financing, Rolls-Royce; Geoffrey Boll, vice president, Export Finance, Chase UK.



# The <br> Chase Partnership. Working closely with Rolls-Royce Ltd to provide trade finance for aero-engines wherever it is needed around the world. 

Chase became The Premier Trade Bank ${ }^{\text {sm }}$ globally by having the finest intemational corporate bankers, systems specialists and trade experts work closely together with specialists and trade experts work closely
This spirit of partnership has led to the development of This spirit of partnership has led to the development of innavative, tailarmade trade financings, which aptimise expori credit agency facilities, leveraged leases,
acceptances and non-recourse transactions. Partnership-tho
trade banking.

## Slow recovery but long-term demand is good



## ADVANTAGE



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## Guided weapons industry on strong growth track



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##  in Aerospace

 6 2 Ki Arcral, engines, simulators, satellites and launch vehicles; Wh 4 the the products demand the support of banking facilities tailored to individual requirements.4. W. Midiand Bank can deliver a comprehensive range of national *2t Wh: and international corporate banking services to meet 4x W. W theseneeds from key centres throughout the world.


AEROSPACE 8

## Cautious optimism about long-term demand




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## Collaboration growing




## Plessey Systems in Aviation at Farnborough International'84.

Aviation is a major example of a market in which Plessey technology has been in the forefront for fifty years.

Today, commercial aircraft tlying with more than 25 major airlines, and military aircraft serving in more than 50 of the free world's airforces, rely on Plessey systems and equipment

In defence, Plessey has considerable experience as a prime contractor for multimillion pound projects, and a systems
capability covering radar, intelligent displays, communications and avionics. The establishment or updating of airports and the provision of comprehensive air traffic control systems are other important areas where Plessey technology is playing a leading role.

Plessey - reliability in the air, and on the ground - at the Famborough Air Show - September 2-9.

## Ariane success confirms European independence



## BFFORE IT PERFORUS INTHE AR, IT PERFORMS ONTHE GROUND.

The F-20 Tigershark is operational F-20 will have
the most reliable and main- the highest retiability of
tainable front-line tacticd any world class tactical fighter aucraft in the world Thrughout more than hats met or exceeded all its reliability goals. The
nance, inventory and man-
is a potential for saving
millions of dollars jn operat ing costs over the design
life of the aircratt.
The F-20 spare parts our experience that sophis-
ticated fighter aircraft can be both economical and
reliable when designed and built to be that way. NORTHROP

## AEROSPACE 10

## Tight rein on costs as prosperity returns



Air travel again is growing rapidly, bringing with it problems of financing fleet expansion, and imposing new pressures on alirports.
 AIR CHARTER


## have you considered it?

$\star$ Knowing where to go is your business--knowing how to get you there
$\star$ Our alrcraft is the Cessna Conquest II jetprop, using the latest technology to combine jet performacee with prop economy, our aircrew and operations staff are experience
the air and on the ground

- Hatield airport offersa unique standiard of seecurity and privacy, with
- Al of this is half an hour from Central London conveniently NW of the meee. your requirements-so
short cut to your business.
Call us for a quote-it's cheaper than you think


> After taking our property advice, the aerospace industry was over the moon.

## FULLER PEISER

## Progressive ando Professtoral




## Leasing schemes meet high costs

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Growth forecasts raised


Volume of deliveries cut

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## Leading companies adapt to fall in civil orders



TheFirst.



Jumbos to be stretched further

U.S. AVLATION ACTIVITY FORECASTS






## U.S. COMPANIES' EARNINGS

| Company | Sales 12 mins. |  | Year earding $\$ 18 \mathrm{~A}$ | \% chng. 1982 | $\begin{gathered} 1984 \\ \text { 2nd qutr. } \\ \text { saltes } \\ \text { smm } \end{gathered}$ | $\begin{gathered} \$_{\text {frcheg }}^{\text {from }} \\ 1983 \\ \hline \end{gathered}$ |  |  | $\begin{aligned} & 1984 \text { net } \\ & \text { 2nd qut. } \\ & \text { earnings } \end{aligned}$ \$ | $\begin{gathered} \text { \% chatg } \\ \text { frame } \\ 1983 \end{gathered}$ |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| United Technologies | 14,679 | +8 | 5092 | -4.6 | 4,178 | +12 | 8,069 | +11 | 169 | +20.7 | 305.2 | +21 |
| Boeing | 11,129 | +2318 | 355 | +21.58 | 2.740 | -13 | 4,830 | -21.3 | 102 | +10.9 | 180 | - 11 |
| Mridomelil Douglas | 8,111 | +10.6 | 2749 | +28.0 | 2.546 | +316 | 4.570 | +14.3 | 77.7 | +26.3. | 145.2 | +19.6 |
| General Dynamies | 7,146.3 | +1 | 2866 | +115.8 | 1,902.5 | + 71 | $3,762.8$ | + 4.5 | 96 | + 28 | 173.5 | +34 |
| Lockheed | 6,490.3 | +15.6 | 262.8 | +26.7 | 1,933.7 | +213. | 3216.4 | +16.9 | 78.7 | +157 | 16.4 | +22.4 |
| Martin Marietta | 3,899.3 | +10.6 | 1413 | +54 | 1,176 | +233 | 2,244 | +22.8 | 74.1 | + 30 | 99 | + +30.8 |
| Northrop | 3,260.6 | +318 | 100.7 | +1764.8 | 838.9 | +4.3 | 1,653.8 | + 8.8 | 3R. ${ }^{\text {a }}$ | +89.3 | 69.3 | +99.1 |
| Grumman | 2,254.8 | + 9.6 | 110.8 | +240 | 609.9 | +11.3 | 1,199,9 | + 5.8 | 25.2 | -4 | 50.5 | +33 |

## Strong federal funding

| Canada achasi .DONNE | signifcant interest, especialy to petinion is flerce in the market for small airliners, with the | the projected Stolport now don's Docklands, close to the City, and the planned hub of a network of conmmuter air ser |  |
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| clal restructuring by the Government earier this year of | fighting for available ordera. |  | grammes of the twin-engined Challenger jet executive trans |
| trame manufacturers, Canadair | re than 100 |  |  |
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| return to profitabilty in 1985 | nicatons systems, simulators, | we | $\begin{aligned} & \text { teus } \\ & \text { ted } \end{aligned}$ |
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## Still keen to learn from West

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## Federal funding in Canada

- continued from previous pace



## Another first for Swissair

## is a big first for the new FOKKER

## Civil and military ventures ensure healthy workload

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## LET OUR INVESTMENT LOOK AFTER YOUR INVESTMENT．

．．．a wide range of equipment and systems present in the following technical categories：
－ELECTRIC POWER
－TURBO POWER
－ACTUATION
－ENGINE ACCESSORIES
－CABIN SERVICES
－FLIGHT SAFETY
－AVIONICS
－NAVIGATION
－INFORMATION MANAGEMENT

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 we know how much of an investment you＇ve made in your aircraft you every day your aircraft are out of senvice That＇s why we made sure we invested in the best when we went into the market as an engineening operation．

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including a higher proportion of licensed engin－ sthan many of our competitors
And we invested around $£ 2$ million in a comprehensive stock of parts．The result is that we can usually get to work on your aircraft straight away－making sure that yoư＇re back in
action as soon as possible
wassonas possible．
We can deal with almost any aircraft up to $30,000 \mathrm{kgs}$ induding Challengers，Gulfstreams， Learjets，Citations and all series HS 125s．

And we can also offer refurbishing and： completion services at our extenisive Luton－

At MCAlpine，we know about your enginee ing and maintenance problems，because we ace the same problems ourselves in the day－to day running of our own charter fleet so call McAlpine first Well give you the best service，because we＇ve invested in the best people．Send off the coupon forfull details．


## $w^{\text {it }}$

## AEROSPACE 15




A report from Gulfstream Aerospace Corporation on a new concept
for increasing a nation's surveillance and reconnaissance capabilities with a single affordable and versatile aircraft type.

## Collaboration's charms grow

## Communities vie for helicopter offset work



France











How to achieve flexibility and cost-effectiveness in airborne information-gathering systems:


## Fokker draws new breath

| e Netherlands walter ends | over a long period. <br> IRAS, the infra-red astrojoinuly by the Netheriands | Power will be provided hy two rear-mounted Rolls-Royce Tay fao-jets sara to be man pernomical than their | prop-jet before the end of the year is expected. <br> Swissalr, the Swiss national airlue, has ordered eight $F-100$ s and has options on six more. KLM of the Netheriancs, scan |
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| year that Fokker, the leading | Co |  |  |
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| was to develop two new aircraft, the Fokker F-50 prop jet and |  | wei |  |
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| the Fokker $F$-100 jetliner ireathed oew yfe loto the com term decline was beginning to seem inevitable. |  |  |  |
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| While the tried aod trusty and are-still selling. and the |  |  |  |
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| fighters was going, well, it was clear that the 1990s would re- |  |  |  |
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| The two new Fokkers are now providing the basis for produc-tion well beyond the year 2000 . | industry through repair and |  |  |
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| retains an active involvement satelite developmeot and space probes generally. |  |  |  |
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| On a personal leqel, a Dutch joined the crew of the Americas space shuttle Columbia, aod is |  |  |  |
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| will join the crew of Spacelab 3 |  |  |  |







## Space opportunities beckon

Ttaly





## U.S. setback forces rethink

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## Spain <br> tom burns

LAST
FEBRUARY, Construc-
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## MBB pauses for reflection


#### Abstract

West Germany bupert cornwell  There is haraly a mult. national programpe in uisB is      less thed yeare greatest growth is apeed the in in the space sector, while the company is moving 

Swirling changes  moore than a reasonemble pays no to eatch brean after a decade of suiriling thane  doubhed its wortartel Q mpled its sales, and also pleted its  man zerospacee conceran At the sme time, divasif tion hes been mathed            the development of the smaner Aszo Althus win hat imme diately sotten the blow. The        Tornados und buy up to 40 been simproercycele has already by Dornier    reemernments Germent signed 1,000-maircryaft Eull have 250        


## SAAB links with U.S.




AIR CARGO

## OCTOBER

The Financial Times is proposing to publish a survey in October on Air Cargo. The editorial will include articles on :
-The role of the air-freight forwarder
-The role of the British Airports Authority
-The role of the major airlines-British Airways

> -British Caledonian
-The Heathrow cargo centre
-The specialist air cargo operators
-Cargo at the regional airports
-The role of the couriers in air cargo

For further information and advertisement rates please contact:

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## Thancial Times, Bracken House,

## 10 Camen Street, Londoa ECAP 4BY.

 Tel: $01-248 \mathbf{8 0 0 0}$ Kxt. 3606. Telex: 885033 FINTM G
## FINANCIALTIMES

## EUROPES BUSINESS NEWSPAPER

## Export sales pick up

 as industry adapts




## A high-technology vision



 , Ma





## Expanding symbol of modern development

[^3]

Embraer steps up sales drive















JAPAN is pushing ahead with
an ambitious spaci
aimed prograimme








Major contractors The H2 2 programme is uthely







## Satellite technology

## brings benefits



Introducing a new aircraft so efficient, it outperforms even the world's best-selling business jet.

## Tucano: Jet-like training at turboprop costs.

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The European Airbus engined airliner project is aimed at providing an rcraft capable of flying payloads than those carried y the bigger 777 Jumbo used on routes to such countries as Austraila， Fourth America and in the required but where

## Seeking to extend skills




Seeking an export business

 （Sepecat）designed Jaguar
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